

**Drive control systems for processing lines**

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The drive control systems for processing lines requires high-precision control for speed matching, tension, and load balance to operate many motors while giving proper speed and tension to the conveyed steel plate. This paper describes the system construction of the latest process lines, the function of the MFC (mid field controller), and the features of control technologies such as tension control in the furnace and auto-tuning for the speed of motors. (author)